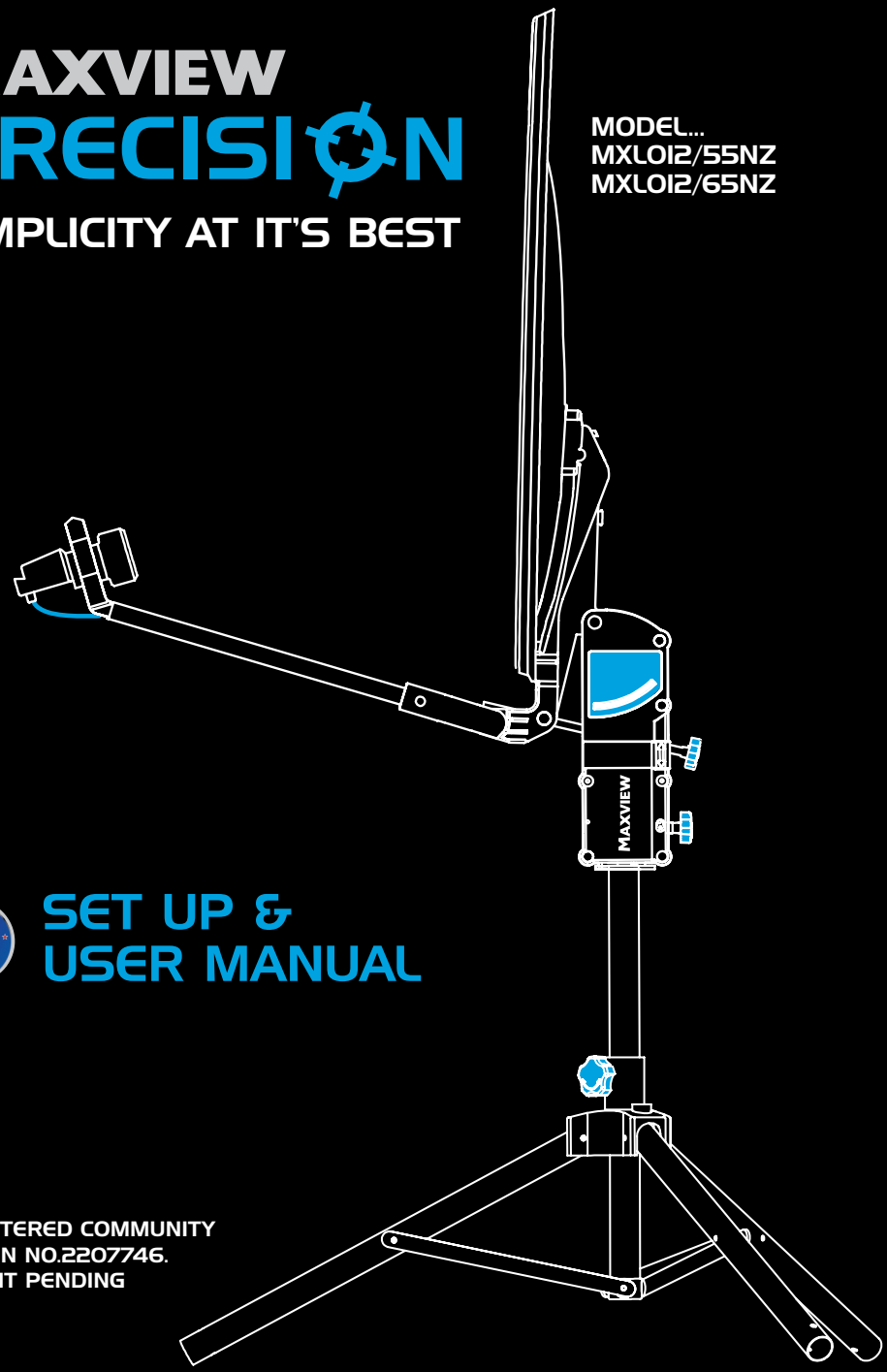
MAXVIEW PRECISION

SIMPLICITY AT IT'S BEST

MODEL...
MXL012/55NZ
MXL012/65NZ



SET UP & USER MANUAL

REGISTERED COMMUNITY
DESIGN NO.2207746.
PATENT PENDING

MAXVIEW
PRECISION
SIMPLICITY AT IT'S BEST

THANK YOU!

For purchasing this product, we trust that you will get many years of enjoyment with this product.

Should you have any difficulty using your Precision Portable Satellite System please contact our friendly Customer Helpline on **0800 880100.**

Please retain these instructions for future reference.

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KIT CONTENTS

Dish Unit

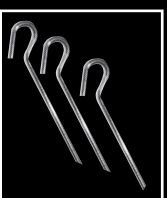
Tripod Stand

Tripod Holdall

Dish Unit Holdall

10m
Flexible Cable

Compass


Ground Pegs

OTHER EQUIPMENT YOU WILL NEED TO GET STARTED

> TV (digital or HD models)
> *Satellite Receiver OR TV with built in satellite tuner

GET TO KNOW YOUR PRECISION KIT

A. Quick Set Up Guide
Helps you get up and running quickly and easily.

B. Magnetic Arm Lock
To secure the LNB arm in a closed position.

C. Integrated Sat Finder
To help you align your satellite dish to the satellite.

D. Folding LNB Arm
For compact storage of the system.

E. Coaxial Cable Ports
Easy access ports to attach your coaxial cable.

F. Elevation Indicator
Easy to view elevation angle read out.

G. Elevation Adjustment Knob
Turn to adjust elevation angle.

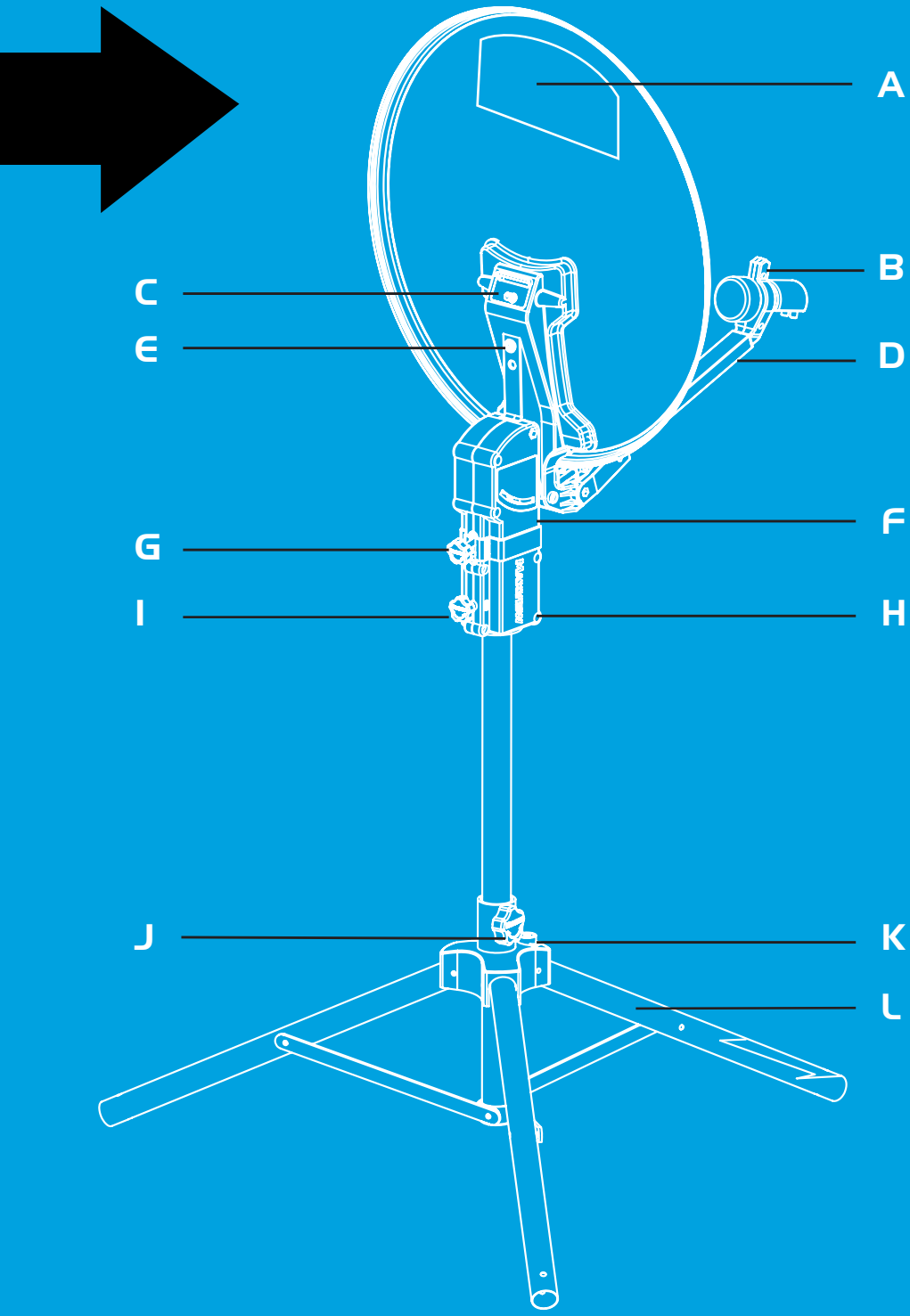
H. Tripod - Dish Unit Interface
Also contains Azimuth rotation stops. This allows scanning in satellite zone only.

I. Azimuth Lock
To lock off system in correct position once satellite has been located.

J. Tripod Lock
Used to secure the tripod in assembled position.

K. Level indicator
A level tripod will allow for quicker set up and a more accurate elevation reading.

L. North Leg
To point North using compass during set up.


A
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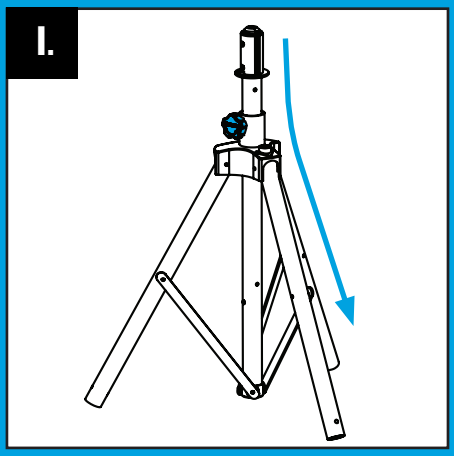
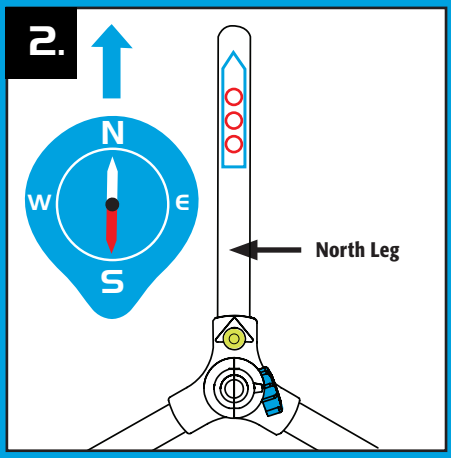
SET UP GUIDE



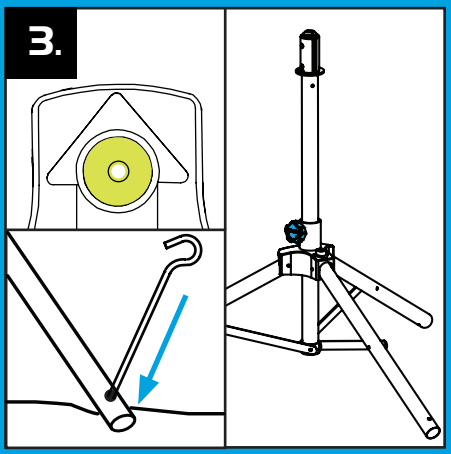


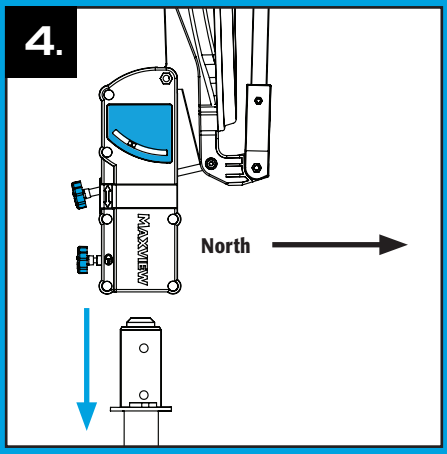
1. Erect tripod by pushing firmly down to open legs. Secure in open position by turning knob.

2. Use compass to align the tripod's North leg with North on the compass.

Ensure no line of sight obstructions in North area. e.g. tall buildings or trees, reference page 11.

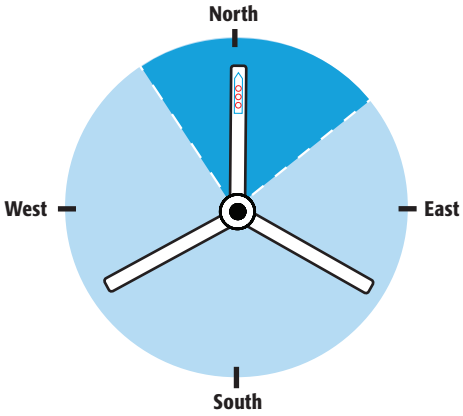
FOR QUICK SET UP GUIDE SEE BACK OF DISH!





3. Level the tripod (use the level indicator as an approximate guide only - not critical).
Use the pegs provided to secure tripod to the ground.

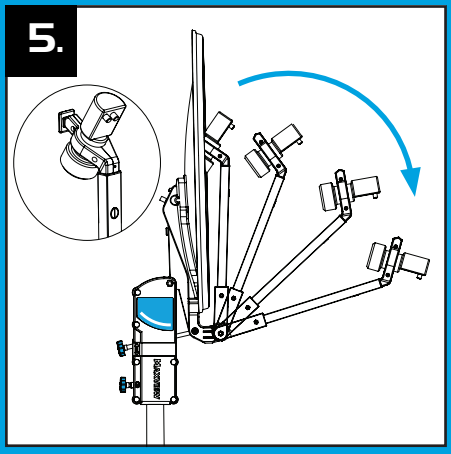
4. Mount dish unit onto tripod with the LNB arm facing towards the North leg.
(Reference Image 2).

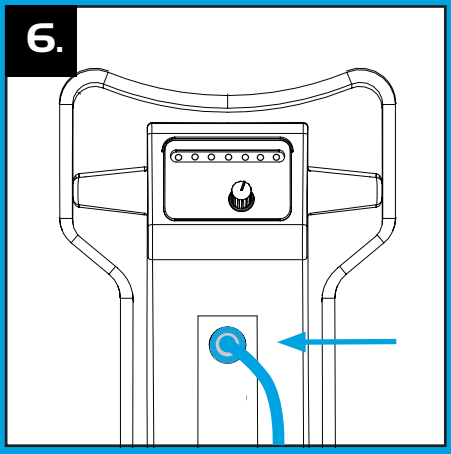


NOTE

The TV satellite used in New Zealand is located within the zone highlighted in blue.

Your precision tripod has been limited to this zone to reduce scanning ensuring satellite location is quick and easy.

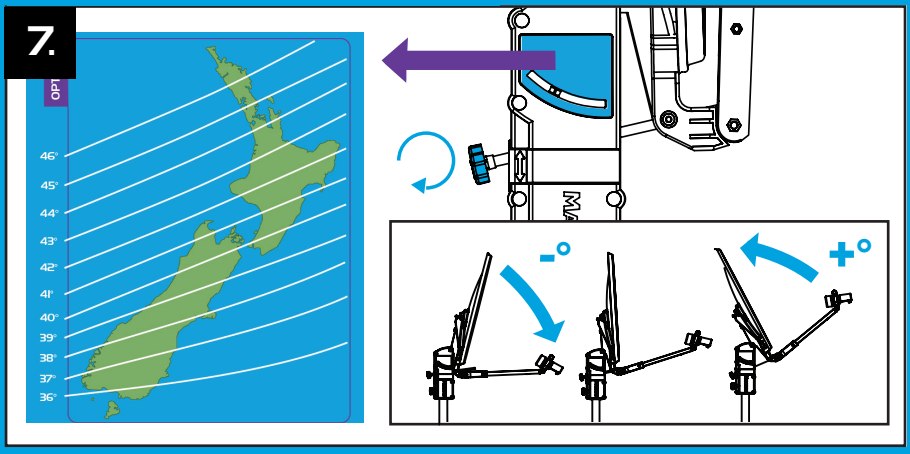




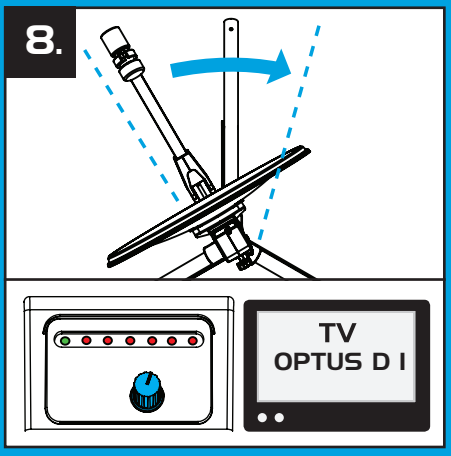
5. Pull down LNB arm from magnetic lock.

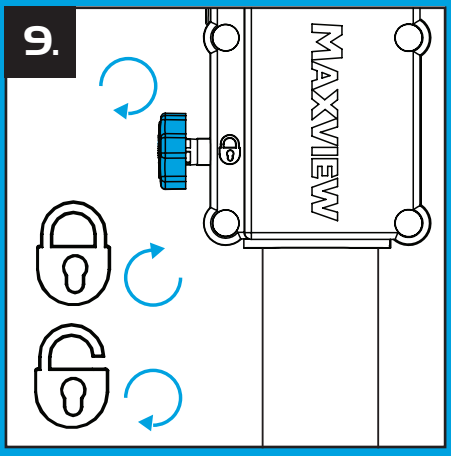
6. Plug in the 10m flexible cable to the coaxial cable port. See page 13 for receiver end connections.

The sat finder is wired to the single port.



7. Use the elevation map to determine the required angle for your location. Set the dish to this angle using the elevation knob and indicator.





8. Slowly rotate your dish from left to right through the zone until the correct satellite is located and a picture appears on your TV.

To aid the satellite location process you can use the following methods:

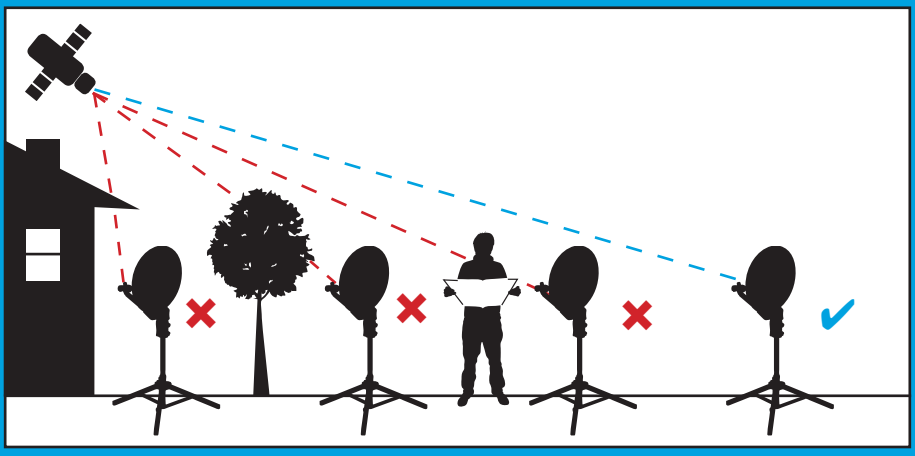
1. Use the integrated sat finder (page 12).
2. Use your receivers built in sat finder.

Please see overleaf for more information on both of these methods.

9. Once satellite is located, lock off the rotation by turning Azimuth lock knob. If you are experiencing signal drop out, fine tune your signal by slightly adjusting the elevation to improve TV picture quality. Again, you can aid this process by using:

1. The integrated sat finder.
2. Your receivers built in sat finder.

SATELLITE LINE OF SIGHT



IMPORTANT
Do not block the antenna's line of sight to satellites in the Northern sky at any time. Make sure your dish has clean line of sight avoiding, buildings, trees and any other close by obstacles.

Did you know?
Some satellite receivers have a sat finder built in with audio tone. Turn on this tone if you cannot see your TV.

USING YOUR SAT FINDER

Your Sat Finder is used to help you locate and find the best signal quality received from satellites.

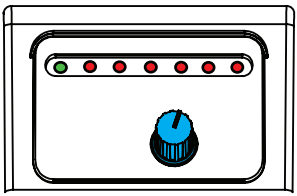
Using the integrated sat finder.
Tune the sat finder by turning the knob fully anti-clockwise and then slowly clockwise until a deep tone is heard and until 2-3 red LEDs are lit. Slowly rotate the dish from left to right until the pitch of the sat finder tone peaks and more LEDs light up.

You should now have a picture on your TV.

Please note if you have a high tone on your sat finder and receiving no reception, you may have located a different satellite as the sat finder is unable to distinguish between different satellites. If this happens, repeat the above process, searching a slightly different area and dish angle.

Also ensure your receiver box is set to the correct satellite.

Fine tuning using the integrated sat finder.
Once a picture has been found, turn the sat finder down to a deep tone and finely adjust your elevation and azimuth to improve your signal and receive a higher tone with more lights lit.



Using the receiver sat finder.
Firstly, ensure your built in sat finder is turned off by turning it fully anti-clockwise so only the green light shows.

Turn your box onto the correct satellite (OPTUS D1) and bring up the satellite finder menu. (see receiver instructions).

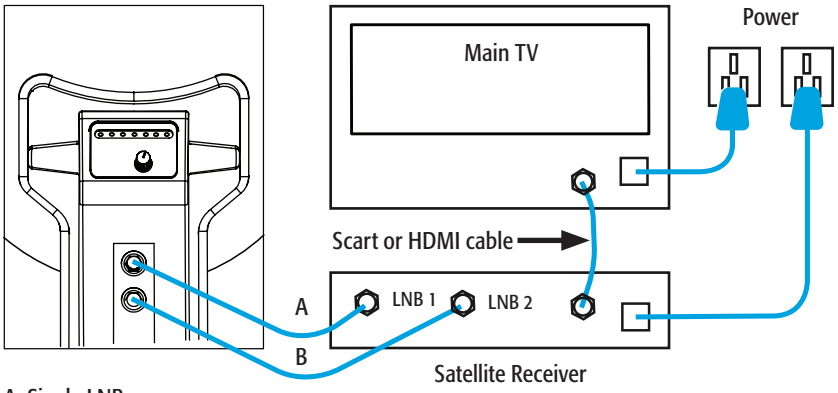
Slowly rotate the dish from left to right until the signal quality and intensity increases.

Fine tuning using the receiver sat finder.
Once a picture has been found, bring up the satellite finder menu and finely adjust your elevation and azimuth controls to improve your signal quality and intensity.

Did you know?

Most receivers have a built in audio tone which sounds when a signal is located.
Please check your receiver instructions.
Use this when you are unable to see your TV screen.

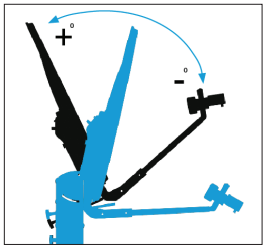
CONNECTING YOUR PRECISION SYSTEM



A. Single LNB
B. Twin LNB - (If you have a twin model only)
Note: A twin LNB system can also be connected to 2 receivers. Or 2 TV's with in-built sat tuners.

GLOSSARY OF TERMS

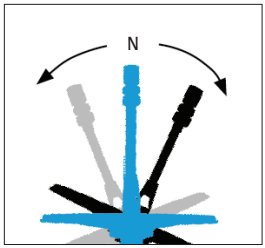
(A)



(A) Elevation
The angle between the earth's surface and a particular satellite at a given reception point. This is the vertical angle adjustment of your dish. The elevation angle increases the closer you travel towards the equator.

(B) Azimuth
The angle between true north and a particular satellite. This is limited on your Precision Tripod Kit as all New Zealand TV satellites are near North.

(B)



Skew
This is the rotational position of an LNB on the dish arm.
Skew can be used to maximise signal in fringe reception areas.

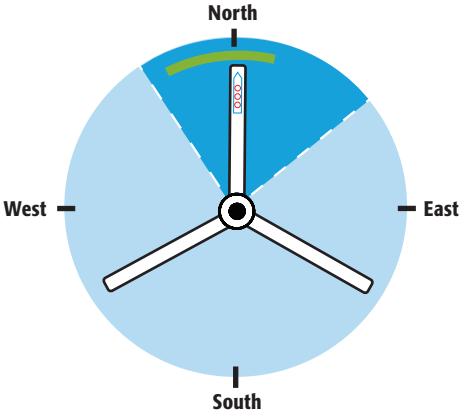
Line Of Sight
This is a straight line between your satellite dish antenna and the satellite. The line between the two needs to be clear, as anything blocking the path will result in a signal disruption. See page 11.

LNB (Low Noise Block)
The device which receives and collects the satellite signal reflected from the dish.

SATELLITE AZIMUTH ALIGNMENT GUIDE

Use this general guide to help determine the direction your desired satellite is located in the North zone.

OPTUS D1



ADJUSTING LNB SKEW

The LNB Skew has been set to factory default. This is optimised for OPTUS D1 and will allow good signal strength all over New Zealand. Skew adjustment is only required when signal strength is weak at the limit of a given satellites' reception area.

FAULT FINDING

Remember, to recieve a clear satellite reception and picture, the dish must have the correct vertical (elevation) and horizontal (azimuth) alignment.

1. I don't want to use the Sat Finder, can I turn it off?
Simply turn the knob fully to the left. Your sat finder will now be silent and just a green light will be illuminated. Keeping it in-line doesn't affect your signal quality and uses very little power.

2. I can't seem to get my tripod flat using the level indicator.
This is only a guide. As long as your tripod is on relatively flat ground you should locate the right satellite. If you are on a more uneven surface, this is ok, however, your elevation may need to be different to the map in order to offset the uneven surface.

3. My Sat Finder has a high pitched tone but I have no picture.
You may have located a different satellite to the one your receiver is set to. E.g. If your receiver is set to OPTUS D1 you may have located a different satellite. You will need to realign your dish. See page 16, adjust elevation and azimuth.

4. The dish unit doesn't seem to be dropping onto the tripod.
Ensure you rotation lock is not in the locked position. To do this you will need turn the knob anti-clockwise.

5. I cant find any satellites in the zone I am limited to by the tripod.
Ensure the North leg is correctly positioned. This means it will be parallel to the North needle (white) on the compass.

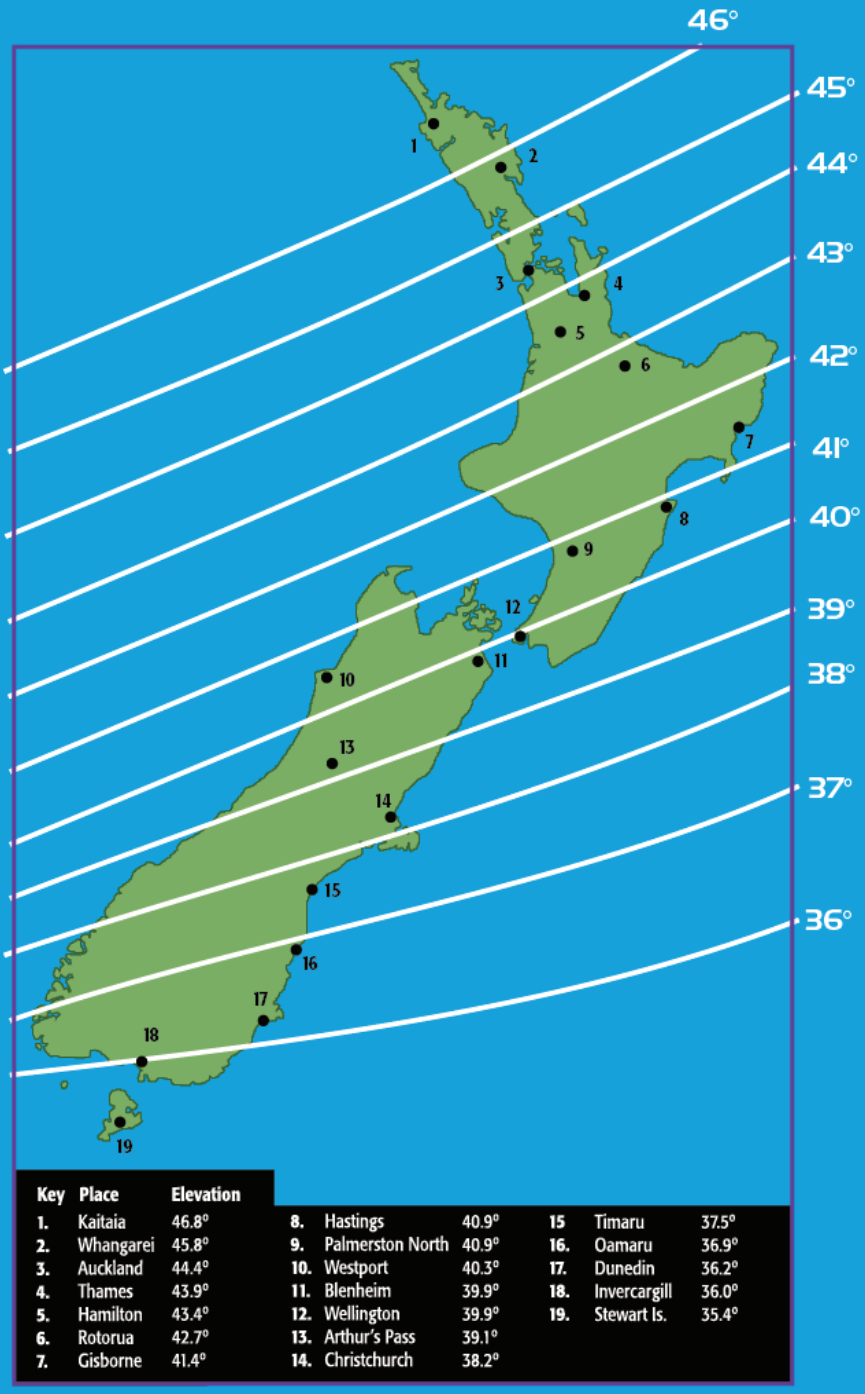
6. Will my satellite system work when pointing through trees and buildings?
Satellite, unlike TV signals, will not work through objects. The satellite dish must have a clear line of sight to the satellite in the sky.

7. My dish unit does not rotate smoothly.
Ensure the Azimuth lock is fully released before rotating the system.

8. My system appears to have excessive movement between dish unit and tripod.
This is normal and required for rotation, however once you secure the azimuth lock, the system will become stable and will not affect signal reception or quality.

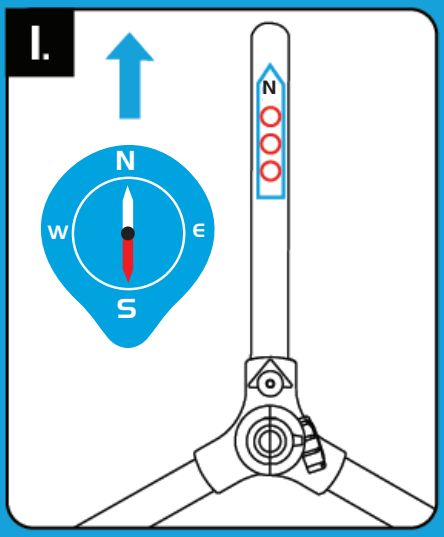
9. I have noticed water inside my system, is this a problem?
The Precision kit has been designed for outdoor use. Therefore, it has been designed for water to pass through the unit and exit easily. The system will dry out very quickly.

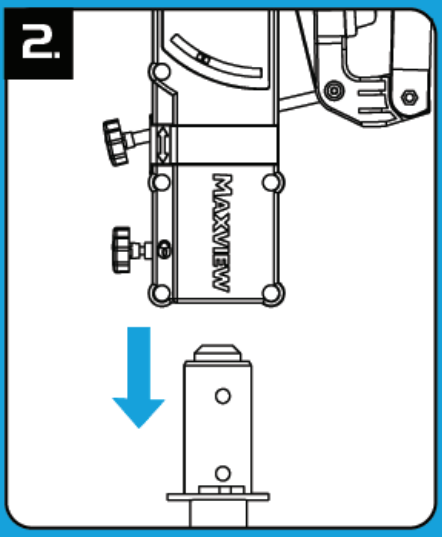
ELEVATION ZONE MAP - OPTUS D I SATELLITE

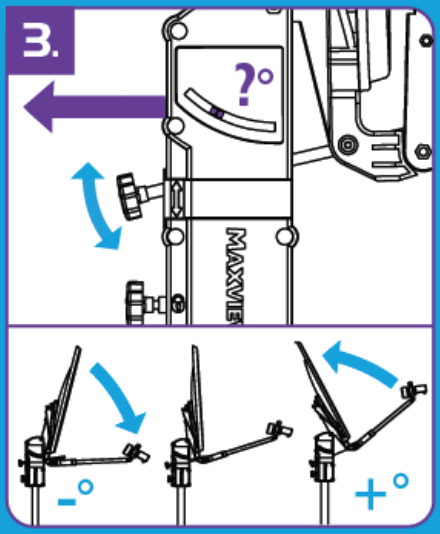


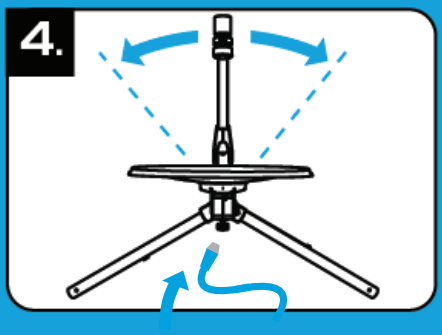
Key	Place	Elevation						
1.	Kaitaia	46.8°	8.	Hastings	40.9°	15	Timaru	37.5°
2.	Whangarei	45.8°	9.	Palmerston North	40.9°	16.	Oamaru	36.9°
3.	Auckland	44.4°	10.	Westport	40.3°	17.	Dunedin	36.2°
4.	Thames	43.9°	11.	Blenheim	39.9°	18.	Invercargill	36.0°
5.	Hamilton	43.4°	12.	Wellington	39.9°	19.	Stewart Is.	35.4°
6.	Rotorua	42.7°	13.	Arthur's Pass	39.1°			
7.	Gisborne	41.4°	14.	Christchurch	38.2°			

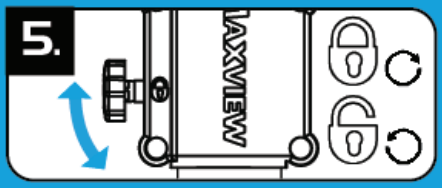
QUICK SET UP GUIDE











CARE & MAINTENANCE

The Precision has been designed to be maintenance and trouble free.
For optimum signal strength, keep the antenna clean from dirt, bugs and other debris.

1. Always handle the Precision kit with care. Do not drop the antenna.
2. Never power wash your Precision Kit. Keep the system clean from dirt, bugs, and other debris by hand washing with mild soap and water.

DO NOT USE SOLVENTS TO CLEAN YOUR PRECISION SYSTEM.

SAFETY

> Take care when adjusting systems, to avoid finger/s being trapped.
> Always route cables carefully to avoid tripping over causing injury.
> Always switch power off at the mains before starting any electrical work.

2 YEAR GUARANTEE

The Maxview Precision is guaranteed against defective parts or workmanship for 2 years from the time of purchase. This excludes any malfunction caused by improper use, accidental or malicious damage. This does not affect your statutory rights. Please keep your receipt of proof of purchase.

RoHS Compliant

PUDNEY & LEE Limited

CUSTOMER SUPPORT DETAILS

If you are experiencing any problems with your Precision Kit or have any questions please contact Maxview's **Customer Helpine on 0800 880100**

Alternatively email us on sales@pudney.co.nz or write to us...
Pudney & Lee Ltd. 1D Quadrant Drive, Gracefield, Lower Hutt, Wellington, New Zealand
P O Box 39-200. Lower Hutt 6315.

Visit: www.pudneyandlee.co.nz

Registered Community Design No.: 2207746. Patent Pending

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